

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20070156283").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/25 11:41
S2	2	("5355064").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/25 13:01
S3	2	("20030139849").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/25 13:01
S4	27	("4826392"   "4834200"   "5115178"   "5151859"   "5159988"   "5221883"). PN. OR ("5355064"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 13:54
S5	4	("2003/0139849").URPN.	USPAT	OR	ON	2010/09/25 14:01
S6	2	("6961640").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/25 14:02
S7	5	("20010047226"   "6580969").PN. OR ("6961640").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 14:02
S8	9	("20030120388"   "20040148268"   "20040176860"   "20060211956"   "4338672"   "5355064"   "5426586"   "6633783"   "6961640").PN. OR ("7657345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 14:15

S9	33	("4575304"   "4620436"   "4834200"   "5151859"   "5159988"   "5221883"   "5252901"   "5255753"   "5265195"   "5302221"   "5337235").PN. OR ("5426586").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 14:42
S10	33	("4575304"   "4620436"   "4834200"   "5151859"   "5159988"   "5221883"   "5252901"   "5255753"   "5265195"   "5302221"   "5337235").PN. OR ("5426586").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 14:47
S11	13	("5426586"   "5594644"   "5872893"   "6697709"   "6876903"   "6969965"   "7076337"   "7120518"   "7308336"   "7319917"   "7319918"   "7337039"   "7493192").PN. OR ("7715945").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 14:56
S12	13	("5426586"   "5594644"   "5872893"   "6697709"   "6876903"   "6969965"   "7076337"   "7120518"   "7308336"   "7319917"   "7319918"   "7337039"   "7493192").PN. OR ("7715944").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 15:05
S13	13	("20030018283"   "20030036818"   "20030120388"   "20030125839"   "20030139849"   "20040206164"   "20050038560"   "5252901"   "5311109"   "5416393"   "5808433"   "6243623"   "6943520"). PN. OR ("7698020"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/25 15:53
S14	2622	700/245.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 17:54

S15	511	S14 and ((instantaneous \$3 or instant or immediate or (real adj time) or dynamic\$3) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 17:58
S16	278	S15 and acceleration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 17:58
S17	152	S16 and ((model or ideal or preliminary or estimate) near5 (gait or motion or movement or step\$4 or posture or walk\$3 or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:01
S18	349	700/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:02
S19	94	S18 and acceleration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:02
S20	392	700/250.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:02
S21	147	S20 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat \$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:03
S22	404	700/253.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:04

S23	166	S22 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat\$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:04
S24	81	S23 and accelerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:04
S25	367	700/254.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:05
S26	160	S25 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat\$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:05
S27	308	318/568.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:05
S28	94	S27 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat\$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:05
S29	86	318/568.23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:06
S30	224	180/8.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:06

S31	172	S30 and (posture or motion or movement or step or gait or walk\$3 or model or orientation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:06
S32	21	S31 and accelerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:06
S33	493	180/8.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:07
S34	118	S33 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat\$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation or joint or placement or location or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/25 18:07
S35	7	("5294873"   "6144385"   "7136722"   "7145305"). PN. OR ("7313463"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/27 13:44
S36	184	318/568.17.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:46
S37	1071	318/568.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:46
S38	448	S37 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat\$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation or joint or placement or location or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:47

S39	200	S38 and accelerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:47
S40	1142	318/568.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:48
S41	444	S40 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat \$4 or counteract\$4) near5 (posture or motion or movement or step or gait or walk\$3 or model or orientation or joint or placement or location or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:48
S42	224	S41 and (walk\$3 or gait\$3 or run\$4 or jog\$4 or bipedal or humanoid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:48
S43	168	S40 and ((correct\$4 or modify\$3 or modification or adjust\$4 or compensat \$4 or counteract\$4) with (difference or deviation or disparity or subtract\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:50
S44	94	S43 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 14:51
S45	0	("2006/0097683").URPN.	USPAT	OR	ON	2010/09/27 15:08
S46	410	700/260.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 15:26
S47	381	S46 and (correct\$4 or modify\$3 or modification or adjust\$4 or compensat \$4 or counteract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 15:26

S48	381	S47 and (posture or motion or movement or step or gait or walk\$3 or model or orientation or joint or placement or location or position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 15:26
S49	174	S48 and accelerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/27 15:27
S50	2	("20050234593").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 08:14
S51	352291	(moment or force or torque or ZMP or (zero near point) or COM or (center near mass)) with (boundar\$3 or range or threshold or limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:53
S52	126983	S51 and (stabili\$4 or balanc\$3 or gait\$3 or walk \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:54
S53	29781	S51 same (stabili\$4 or balanc\$3 or gait\$3 or walk \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:55
S54	47142	((moment near (external or force or torque)) or ZMP or (zero near point) or COM or (center near mass)) with (boundar\$3 or range or threshold or limit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:55
S55	6336	S54 same (stabili\$4 or balanc\$3 or gait\$3 or walk \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:55

S56	32	S55 and (support near (polygon or region or area or box))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 08:59
S57	2	("5513106").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 09:03
S58	19	("5130632"   "5151859"   "5159988"   "5221883"   "5252901").PN. OR ("5513106").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 09:03
S59	29	("4834200"   "5357433"   "5404086"   "5459659"   "5513106"   "5625577").PN. OR ("6505096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 09:39
S60	4876	((moment near (external or force or torque)) or ZMP or (zero near point) or COM or (center near mass)) with (boundar\$3 or range or threshold or limit) and (human or person)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 11:49
S61	294	S60 and ((robot\$3 or biped \$3 or humanoid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 11:50
S62	39	S61 and ((moment near (external or force or torque)) or ZMP or (zero near point) or COM or (center near mass)) with (human or person)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 11:50
S63	446	((moment near (external or force or torque)) or ZMP or (zero near point) or COM or (center near mass)) with (boundar\$3 or range or threshold or limit) and (reaction adj3 force)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 12:03



S64	122	S63 and (robot\$3 or biped\$3 or humanoid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/28 12:03
S65	11	(US-20030139849-\$ or US-20040176875-\$ or US-20030144763-\$).did. or (US-7657345-\$ or US-7236852-\$ or US-5426586-\$ or US-7715944-\$ or US-7698020-\$ or US-7623944-\$ or US-5513106-\$ or US-6505096-\$).did.	US-PGPUB; USPAT	OR	ON	2010/09/28 12:41
S66	9	S65 and (reaction adj3 force)	US-PGPUB; USPAT	OR	ON	2010/09/28 12:41
S67	9	S65 and ((ground or floor or surface) near (reaction adj3 force))	US-PGPUB; USPAT	OR	ON	2010/09/28 12:42
S68	2	("20050055131").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 13:47
S69	1233317	((posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body)) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:08
S70	93572	S69 same (difference or deviat\$4 or error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:10
S71	9829	S70 and acceleration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:10
S72	8158	S71 and (motion or movement or gait\$3 or walk\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:11

S73	1634	S72 and (robot\$3 or humanoid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:11
S74	1634	S72 and (robot\$3 or humanoid or biped)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:12
S75	467	S74 and (center near (mass or gravity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:13
S76	366	S75 and ((posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body)) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt\$4)) same3 acceleration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:14
S77	213	S76 and (motion or movement or gait\$3 or walk\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:16
S78	151	S76 and (inertial near force)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 13:24
S79	13	("5426586"   "5594644"   "5872893"   "6697709"   "6876903"   "6969965"   "7076337"   "7120518"   "7308336"   "7319917"   "7319918"   "7337039"   "7493192").PN. OR ("7715944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 14:26
S80	2	("7715944").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/29 16:59

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	111	(robot\$3 and (posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body)) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt \$4)) and acceleration). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/30 00:45
S81	66	318/568.23.cds.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:56
S82	256	318/568.2.cds.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:56
S83	149	S82 and (posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body)) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt \$4))	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:57
S84	2640	700/245.cds.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:58
S85	438	S84 and ((posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body)) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt \$4))) .clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:58
S86	46	S85 and acceleration.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 16:58
S87	411	700/260.cds.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:00
S88	147	S87 and (adjust\$4 or correct\$4 or modify\$3 or modification or adapt\$4). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:00

S89	57	S88 and (posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:00
S90	392	700/250.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:01
S91	135	S90 and (adjust\$4 or correct\$4 or modify\$3 or modification or adapt\$4). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:01
S92	165	318/568.17.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:02
S93	1056	901/1.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:02
S94	571	S93 and (posture or orientation or ((placement or location or position) near (link\$3 or element or limb or actuator or leg\$4 or arm or body))) near5 (adjust\$4 or correct\$4 or modify\$3 or modification or adapt \$4))	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:02
S95	195	S94 and (adjust\$4 or correct\$4 or modify\$3 or modification or adapt\$4). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:02
S96	80	S95 and acceleration	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:02
S97	147	180/8.5.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/29 17:03

9/ 30/ 2010 1:39:49 AM

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